

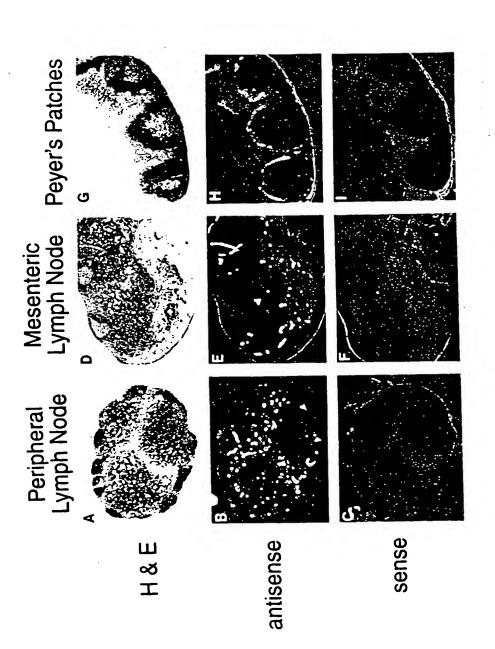
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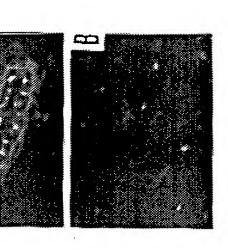
FIGURE 1b

acaaacaggaaggaca $oldsymbol{arphi}$ ccagccagaagc $oldsymbol{arphi}$ ct $oldsymbol{arphi}$ gccccaagct $oldsymbol{arphi}$	80
ccccacagccttctgggttcctgacacgagagaagaggtgggggggg	60
	240
•	320
	400
cctgcgaggggatgggcagggcacttctgaggtgccaatcagcctgcactcgcctctgccctggCCATGGCACTGCTgtc (	480
	560
	640
·	720
	800
TGAAGCTCTGAGTGACCCTGCTGGGCCACCCTACCCTGGTCTGGGCTGGGTCATTGCATCCCCAGATTGGAAGGCTTGGT	8 <b>80</b>
GAGATGGAGAGGAACCTTGGCTACAAGCTATAGCTTTGCCCACCAGAGCCTGCTGGAGGGGAATCAAACAAGCCTGGACC	96 <b>0</b>
TGAGGCTGGGACTAGCTTTCCTGTTTCTGGAGTGGATGCCAACCCCCTGCCCACCAGCCTGCCT	1040
CACAGACTCCTTCCCTTTCCAGACTGGAAAGCCCCCTCCTGGGAGGAGGAAGGA	1120
: TGGACCTTGGGCTGAACCTACAGTTCAAGgtttgtatgctcacaggtcttggcagggaaagataagaatccccagggcac G P W A E P T V Q	1200
cctccccccgcccccagtccactgcaggtagctcctgggtctgcccttcagggcaagtgctgacgctccatcagactg.	1280
tgatggggcccttttctgaggatgacaattctgagaacaaggcatttttctagaggtggcagaacagcattttgtgatgc	1360
ccgaggatctgggagcacaggtccagcttaatgagggattggaggaagtgggtatcatcattacagggaggg	1440
ggcctcctgggaaaatgcagttgctctctttgggtggcctggggttgtgtgtg	1520
ggaagggatcacttctgctcagagtgctcgcaagggcctttccttttcctgaaggcaagcaggcctcctcctcctct	1600
toctoottotootottoototttotooatatgootagotggtoatttotagggaccagoatggttgggaagggggco	1680
${ t ttgtcttggccttcctcttgtctcaattccctctttgagcagaagacggggtgggt$	1760
TGCCAAAGATTGAAGGGGTAGGGCGGGCAGAAGTGGGAAGGTCCCTGGCTTCCTCACCTTGGTAGATGGTGAGGAGCCC	1840
CAGAGGTTGAGCTGAGCAGCTGTGATTTCAGGGTGCCTCTGTTGGAGAGGCTGCTGTGATTTGAAAATCTTCTTTCC	192
TTGGTGACAATTCCAGAAGGCTCCAGATGAATTGTATTGgtgagtgccttggcccttaagcagtcccagctggggatgatg	200
V N C Y	

gggatttatgggtgtccctgagcctagggtgacagggcctctcctttttttt	080
AGGAGGCTGCGGGCCTGGGGGCTGGGGGGGGGGGGGGGG	2160
	2240
	2320
GCTGTGGTCTTCCACCACCGTGAGCTGCAAACCCGGCAATCTCTCCTACCCCTGGACCAGAGGCCACACGGACAGCCTTG  A V V F H H R E L Q T R Q S L L P L D Q R P H G Q P W	2400
GGTCTGGGCCTCCATGGAATCGCCCAGTAATACCCATGGTCTCCATCGCTTCCGGGGGCATCTTCAACTGGGTGCTGAGCT V W A S M E S P S N T H G L H R F R G I F N W V L S	2480
ATCGGCGTGATTCAGATATCTTTGTACCCTACGGTCGCTTGGAGCCTCTCTCT	2560
AGCAGGATGGCTGCCTGGGTGATCAGCAATTTCCAGGAGCGGCAGCAGCAGCGTGCAAAGCTGTACCGGCAGCTGGCCCCTCA S R M A A W V I S N F Q E R Q Q R A K L Y R Q L A P H	2640
TCTGCAGGTGGATGTGTTCGGTCGCGCCAGCGGACGGCCCCTATGCGCTAATTGTCTGCTGCCCACTTTGGCCCGGTACC  L Q V D V F G R A S G R P L C A N C L L P T L A R Y	2720
GCTTCTACCTGGCCTTTGAGAACTCACAGCATCGGGACTACATCACTGAGAAGTTCTGGCGCAATGCCCTGGCGGCTGGT R F Y L A F E N S Q H R D Y I T E K F W R N A L A A G	2800
GCTGTACCCGTGGCGCTGGGACCTCCTCGGGCCACCTACGAGGCTTTTGTGCCACCAGATGCCTTTGTACACGTGGACGA A V P V A L G P P R A T Y E A F V P P D A F V H V D D	2880
CTTCAGCTCTGCCCGTGAACTGGCTGTCTTCCTCGTCAGCATGAATGA	2960
ACCGGCTCCGTGTGCGGCTCCTGGGTGACTGGAGGGAGCGCTTCTGCACCATCTGTGCCCGCTACCCTTACTTGCCCCGCDDRLRVRLLGDWRERFCTICARYPYLPR	3040
AGCCAGGTCTATGAAGACCTTGAAAGCTGGTTCCAGGCTTGAACTCCTGCTGGGAGAGGCTGGATGGGTGGG	3120
GATGTTGAAACCAAAGAGCTGGGCATCCAGGCTTTTGGTCACCATGGCACTACCCCAAGGCTTTTCCTGTTCAGTGAGCA	3200
GGAATTCAGGATATAAGGAGAGACTGGGCTGAGATACCCTGGTGGGCTTTAGAGTAGGGGCCCAGGATAAGAGACAATG	3280
AATTAATGAGGAGCATATGGGGAAGGTGGCTGAGGGTCCCTGACTTACCTTGACCCATGGCTGAAGGCTCCATGCCCATG	3360
GCTGGAGCTGGGACCCTACACTTCTATAGTCAAGGTGCTTAGCCTCAAGGTTGCAGATGCACCCTCTAGTACTCTGGGTG	3440
CAGACTGTACACTGGGCGCAGGGGGTTGTGGAAGGACAGTGCAGATGATTCTGGGCTTTTGACACCACAGTTCCCCCAGG	3520
CARACACCACTACTAATAAAAACACTGACAGaaatctcctqqtcaaqtctgttaggcagcagagctcgaattc	359

FIGURES 3a and 3b





Nonimmune Antibodies

FIGURE 5b